

ABSTRACT

A magnetic head includes a slider and an electromagnetic conversion element. The slider includes a base, a protective film and a medium opposing surface along a long direction of the magnetic head. The protective film is provided on a side surface of the base so as to be integrated with the base. The electromagnetic conversion element is provided on the side surface of the base, and covered with the protective film. A distance $\alpha 1$ between the electromagnetic conversion element and a medium contacting edge of the protective film is set within 50-200 μm .